JAX-WS   Geplante Agenda (3 Tage)

1.Tag

Java Web Service die Grundlagen

- Web Services
- Web Service Description Language (WSDL)
- Simple Object Access Protocol (SOAP)
- Universal Description, Discovery and Integration (UDDI)

Java Web Service im Überblick

- Java API for XML Web Services JAX-WS, JAXB, WSIT
- Java Web Service Frameworks im Vergleich Axis2, CXF, Metro
- JBoss Web Service Container

Java Web Service Entwicklungsumgebung

- Entwicklungsumgebung Eclipse
- Debugging, Monitoring SOAPUI
- Integration in das Build Management Maven

Java Web Service Implementieren

- Code First
- JAX-WS API
- JAX-WS Annotations
- Web Service Deployment

2.Tag

Java Web Service Implementieren

- Client erstellen mit/ohne Code-Generierung
- Typ-Anpassung (TypeAdapter)
- Exception-Handling
- WebServiceContext, MessageContext
- Synchrone und Asynchrone Aufrufe
- Provider und Dispatch-Client

- Contract First
- Soap-Handler

- MTOM

3.Tag

Java Web Service Databinding

- XML Schema Generation
- JAXB, JAXB Annotations
- JAXB und Web Services

Erweiterungen

- Security Grundlagen
- Transport Security SSL/ HTTPS
- Message Based Security (WS-Policy, WS-SecurityPolicy)
- WS-Adressing

Sonstiges

- Design-Fragen
- ...